

FIG. 1A

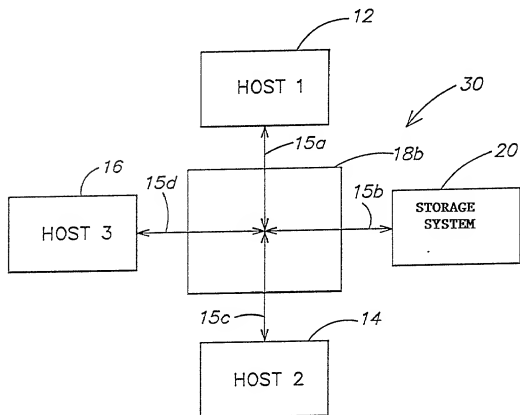


FIG. 1B

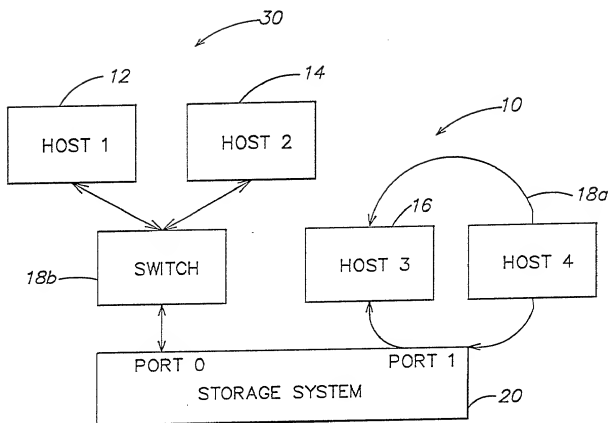


FIG. 1C

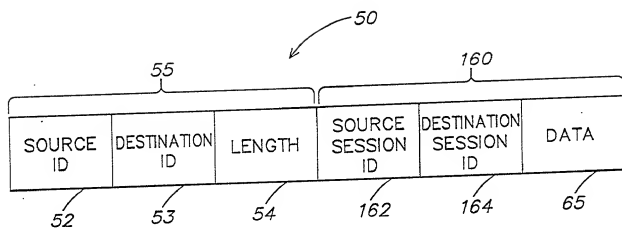


FIG. 2

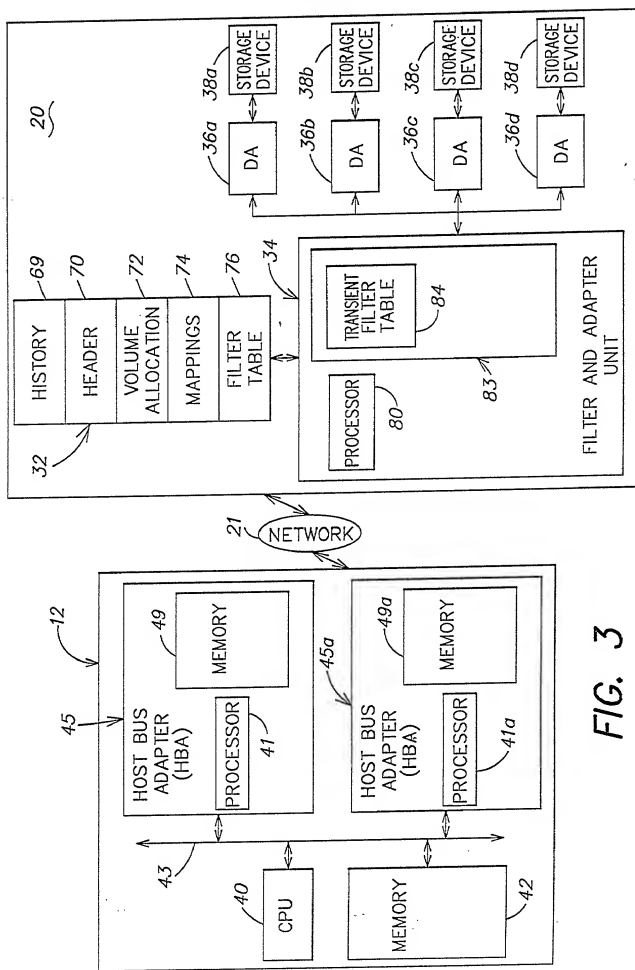


FIG. 3

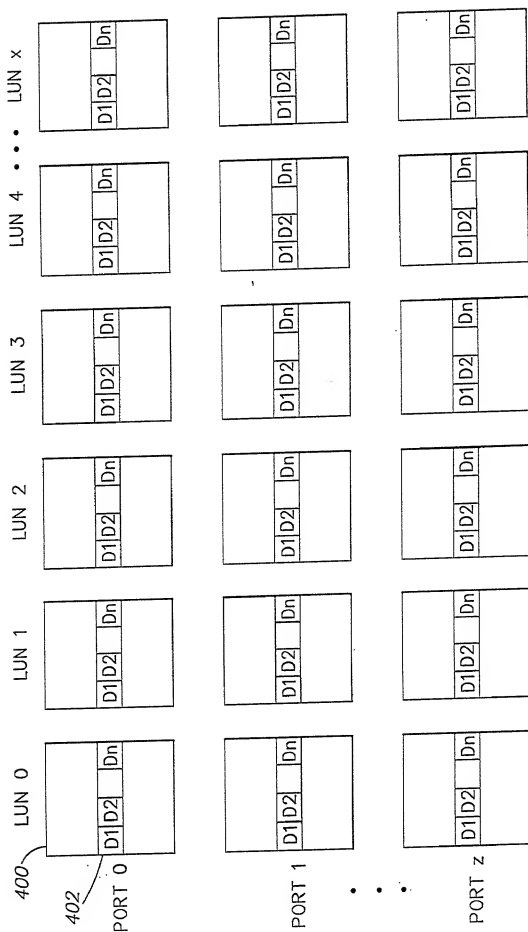


FIG. 5

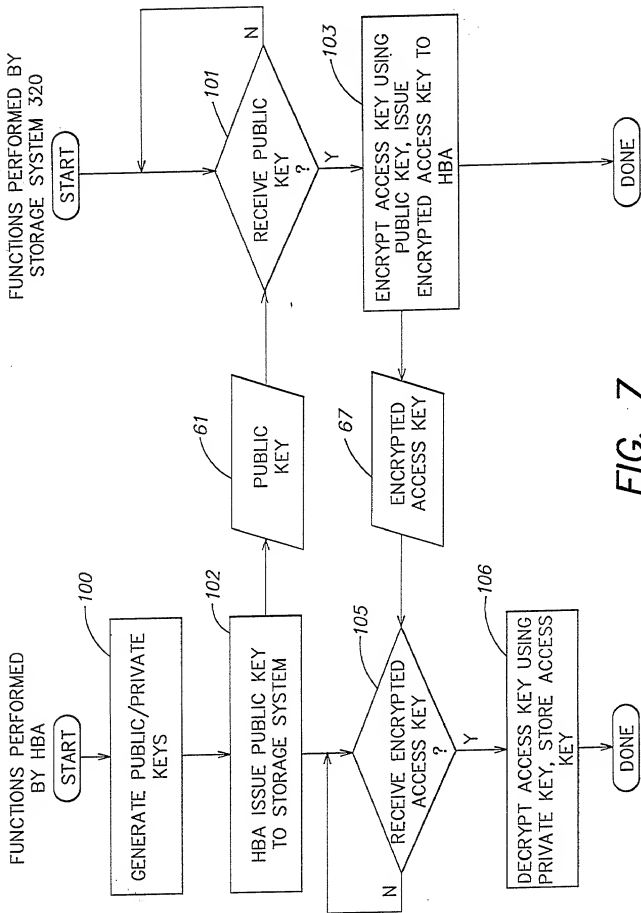


FIG. 7

FUNCTIONS PERFORMED BY STORAGE SYSTEM



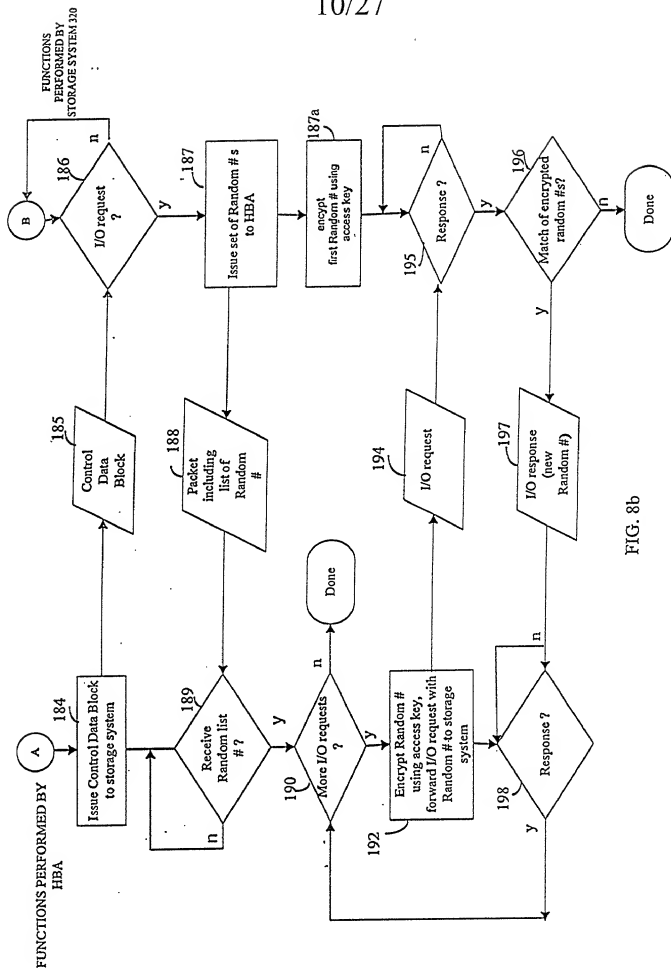


FIG. 8b

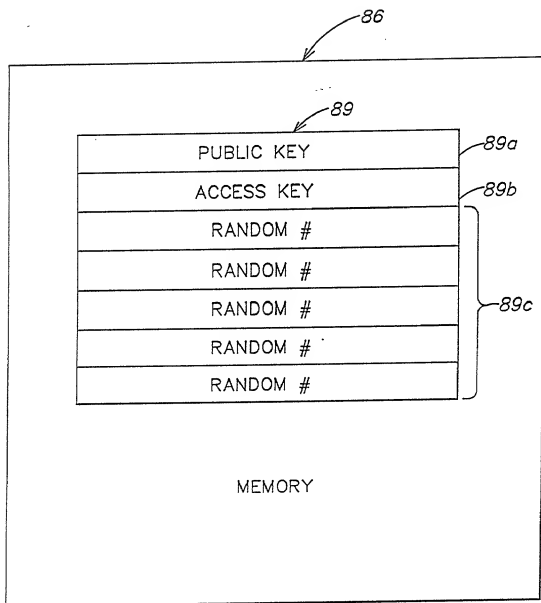


FIG. 9

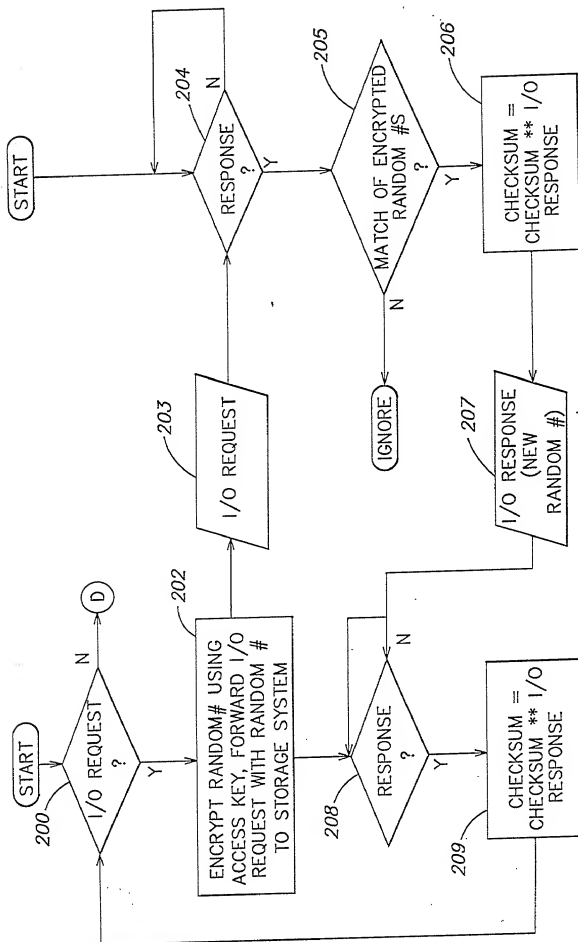
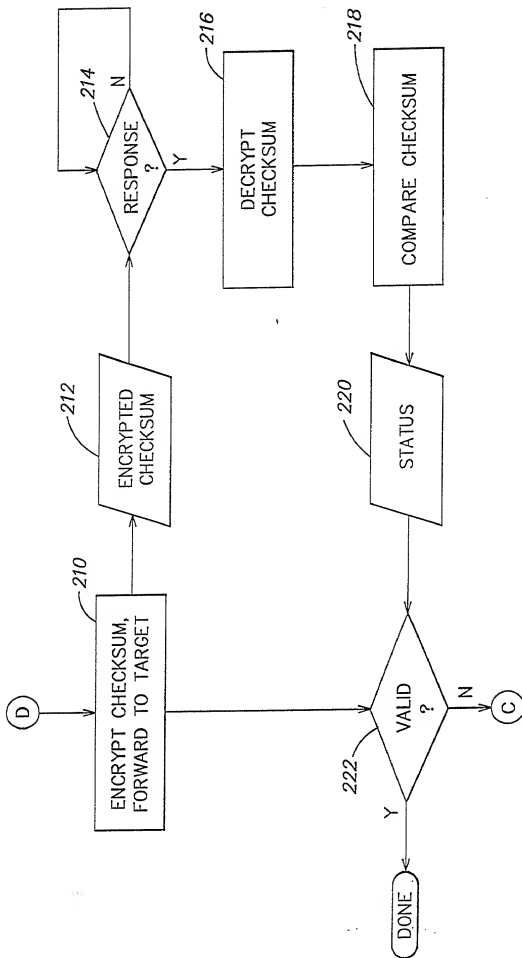
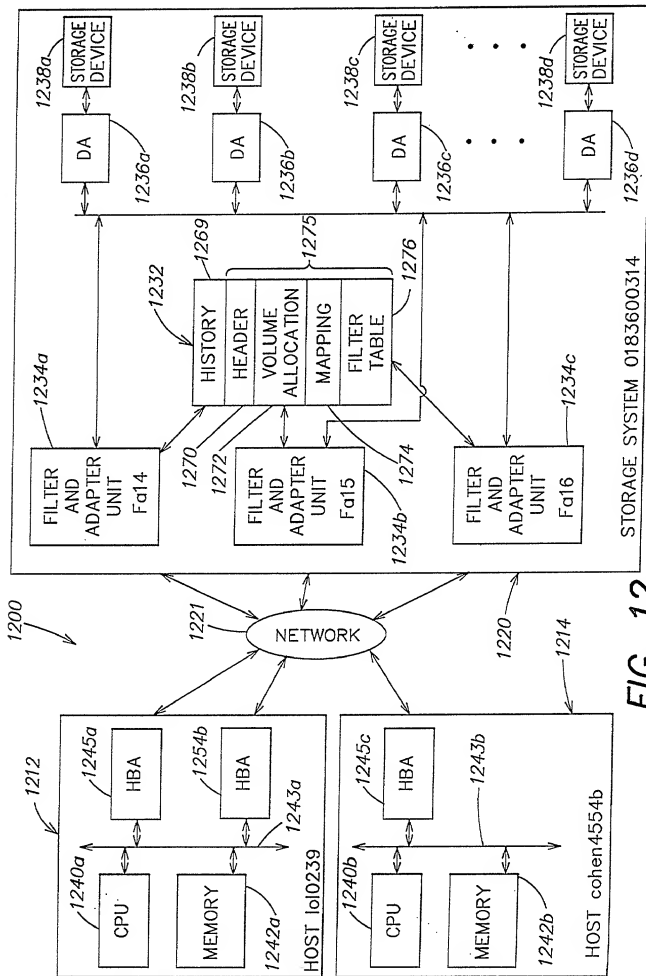


FIG. 10



(FIG. 8a)

FIG. 11



STORAGE SYSTEM 0183600314

FIG. 12

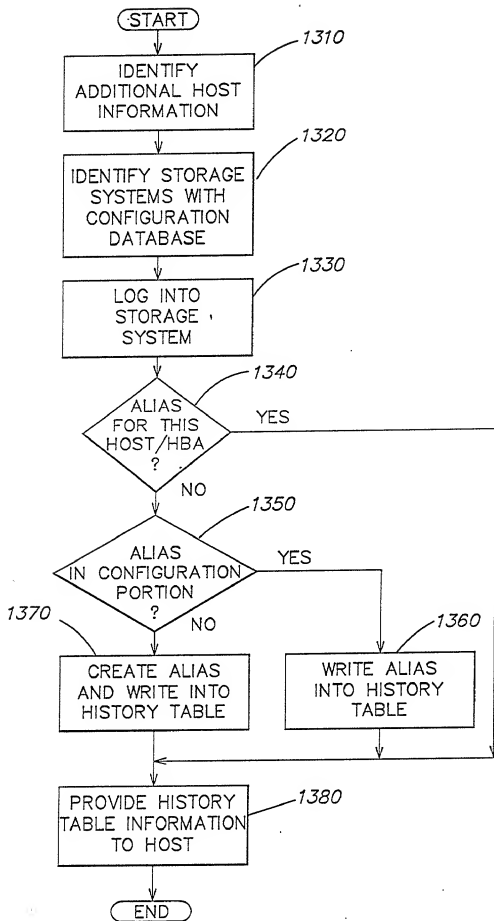


FIG. 13

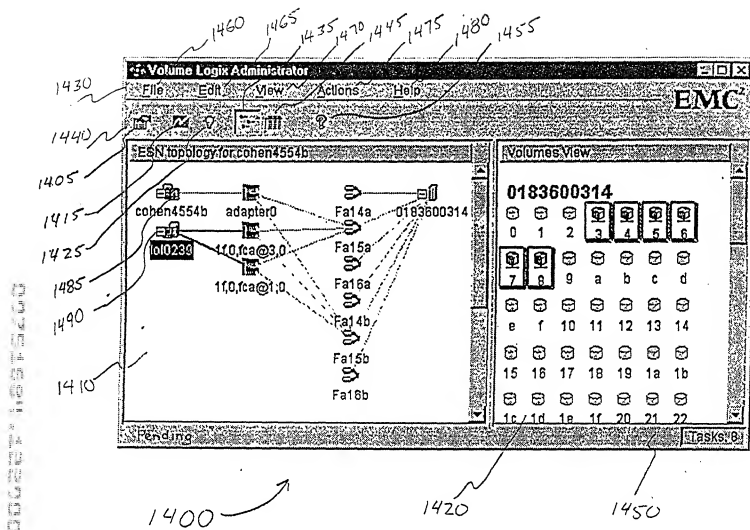


Fig. 14

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| | | |
|------|---|---------------------------------------|
| 1505 |  | Storage System |
| 1510 |  | Storage Port |
| 1515 |  | Host Processor |
| 1520 |  | Administrator Host Processor |
| 1525 |  | Host Bus Adapter |
| 1530 |  | Storage Volume |
| 1535 |  | Assigned Storage Volume |
| 1540 |  | Shared, Assigned Storage Volume |
| 1545 |  | Configuration Database Storage Volume |
| 1550 |  | Mirrored Storage Volume |
| 1555 |  | Concatenated Storage Volume |

Fig. 15

| Volumes | Capacity | Symmetry | Sym Port | Owners |
|---------|----------|------------|--------------|--------------------|
| 0 | 0.0 | 9000003077 | Fa3a, Fa15a | sargent-fcaPort0 |
| 1 | 0.0 | 9000003077 | Fa3a | sargent-fcaPort0 |
| 2 | 0.0 | 9000003077 | Fa3a | sargent-fcaPort0 |
| 3 | 0.0 | 9000003077 | Fa3a, Fa16b | sargent-fcaPort0 |
| 4 | 0.0 | 9000003077 | Fa3a | sargent-fcaPort0 |
| 5 | 0.0 | 9000003077 | Fa3a | None |
| 6 | 0.0 | 9000003077 | Fa3a | None |
| 7 | 0.0 | 9000003077 | Fa3a | vermeer-fca@2.0... |
| 8 | 0.0 | 9000003077 | Fa15a | sargent-fcaPort0 |
| 9 | 0.0 | 9000003077 | Fa15a | sargent-fcaPort0 |
| a | 0.0 | 9000003077 | Fa15a | None |
| b | 0.0 | 9000003077 | Fa15a | None |
| c | 0.0 | 9000003077 | Fa15a | None |
| d | 0.0 | 9000003077 | Fa15a | None |
| e | 0.0 | 9000003077 | Fa15a | None |
| f | 0.0 | 9000003077 | Fa15a | None |
| 18 | 0.0 | 9000003078 | Fa15b | None |
| 10 | 0.0 | 9000003078 | Fa15b | None |
| 1a | 0.0 | 9000003078 | Fa15b | None |
| 1b | 0.0 | 9000003078 | Fa15b | None |
| 1c | 0.0 | 9000003078 | Fa15b | None |
| 1d | 0.0 | 9000003078 | Fa15b | None |
| 1e | 0.0 | 9000003078 | Fa14b, Fa15b | None |
| 1f | 0.0 | 9000003078 | Fa14b, Fa15b | None |
| 20 | 0.0 | 9000003078 | Fa14b, Fa15b | None |

1620

Fig. 16

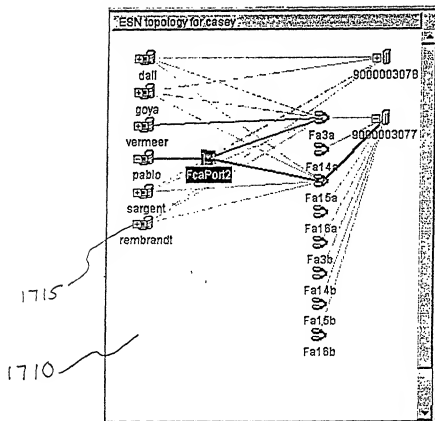


Fig. 17

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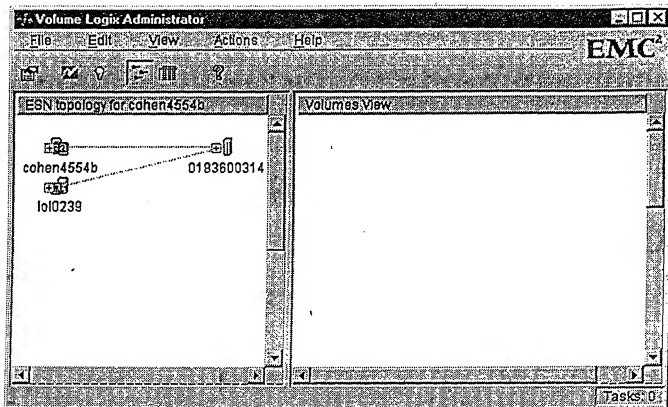
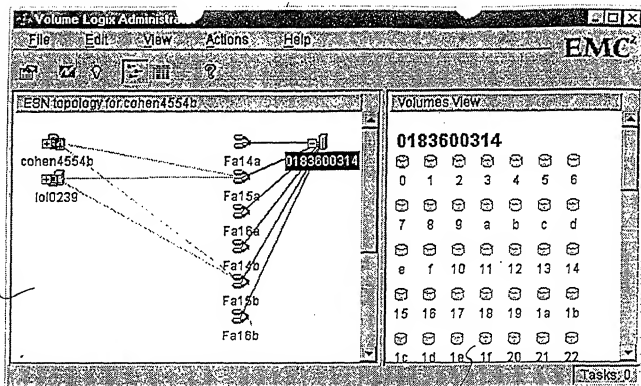


Fig. 18

1800 ↗



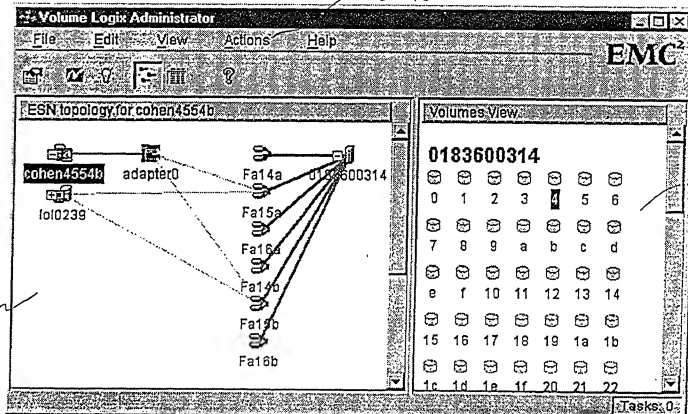
1900

Fig. 19

1920

Fig. 20

2075



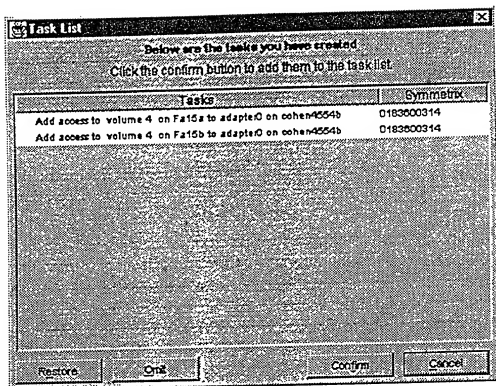


Fig. 21

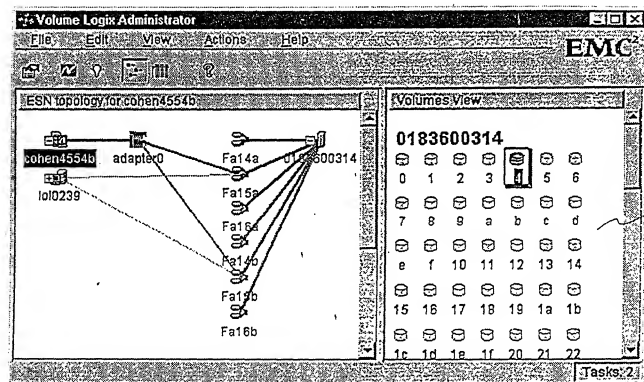
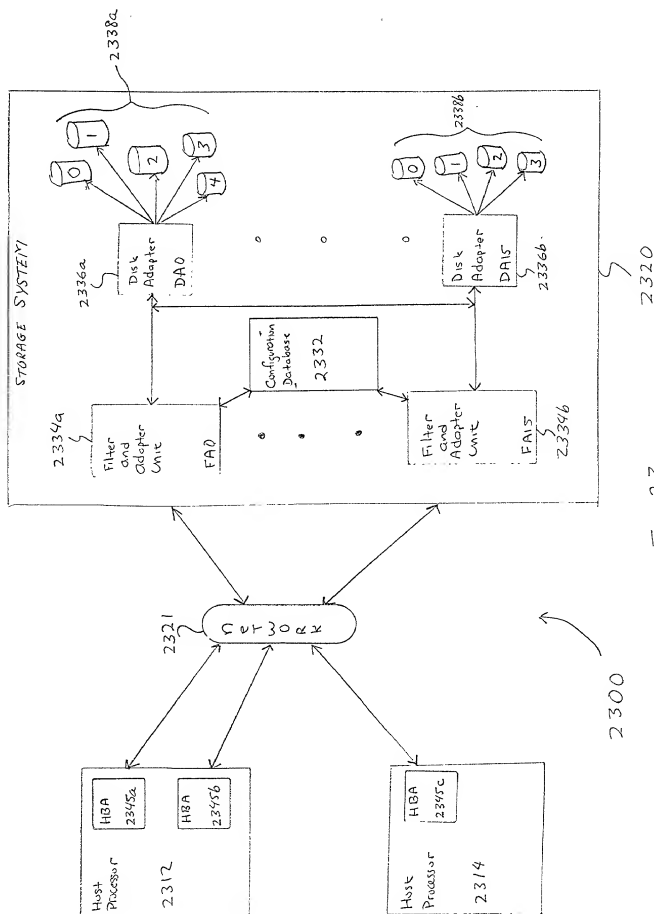


Fig. 22



2476
↓

| | | | | |
|---------|-----|------|------------|-------|
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476a |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476b |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476c |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476d |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476e |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476f |
| | | | | . |
| | | | | . |
| | | | | . |
| | | | | |
| | | | | |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476n |

Fig. 24

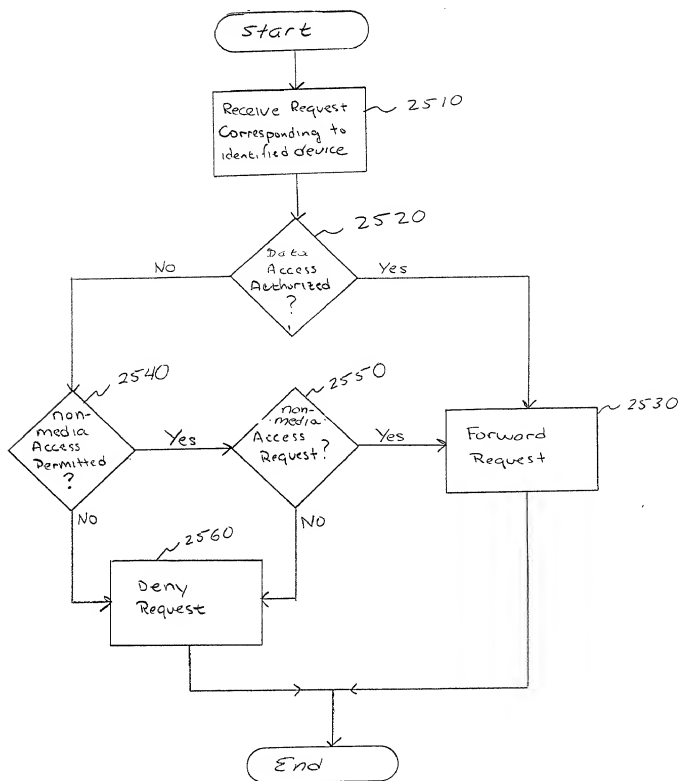


Fig 25

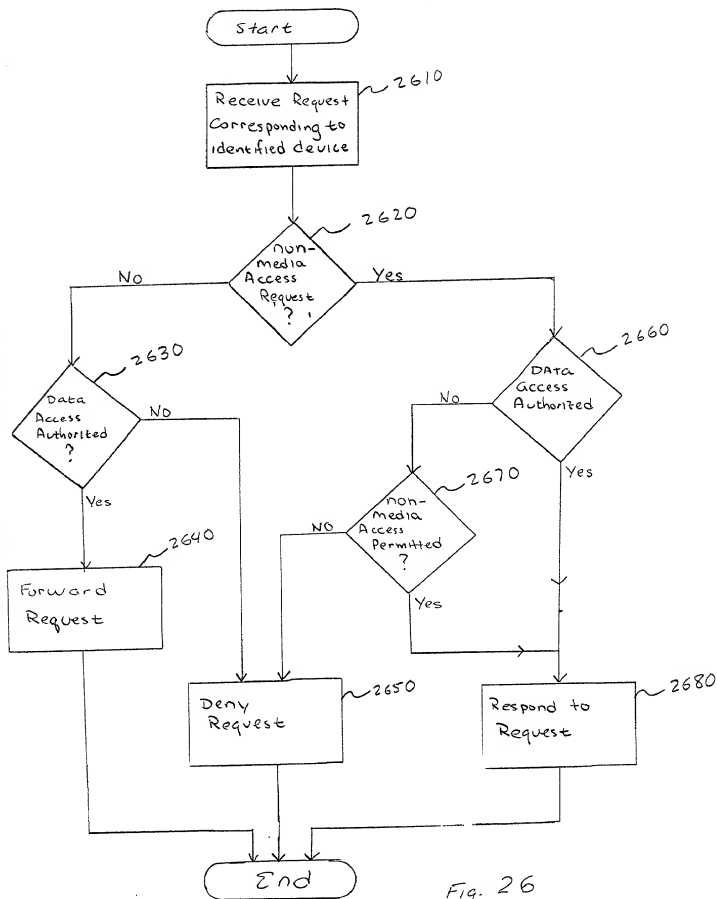


Fig. 26